

North Carolina Weather & Crops Report

Issue #7-B14-17

Released July 7, 2014



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CROP SUMMARY FOR THE WEEK ENDING JULY 6, 2014

GENERAL: Days suitable for field work 5.8. Topsoil moisture 9% very short, 29% short, 55% adequate and 7% surplus. Subsoil moisture 6% very short, 26% short, 61% adequate and 7% surplus. Hurricane Arthur, category 2, passed over the coastal area of the state late in the week. Early reports indicate less damage than originally expected however final crop and livestock damages are still being evaluated. This week's report shows cotton squaring was rated at 70%, peanuts pegging at 57%, corn silking at 80% and dough at 30%, soybeans emerged at 91% and blooming at 18%, and sweet potatoes at 93% planted. The second cutting of hay at 47% and peaches harvested at 27% along with small grain harvest nearing completion. The state experienced slightly below normal temperatures and the majority of the precipitation was received in the coastal area from Hurricane Arthur.

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5-Year Avg
PHENOLOGICAL:				
Soybean % Emerged	91	85	72	88
Soybeans % Blooming	18	n/a	n/a	n/a
Corn % Silking	80	67	86	91
Corn % Dough	30	14	28	26
Cotton % Squaring	70	42	59	74
Peanut % Pegging	57	41	30	52
PLANTED:				
Sorghum	84	78	69	n/a
Soybeans	97	n/a	77	92
Sweet Potatoes	93	84	89	95
HARVESTED:				
Hay 2 nd cutting	47	38	24	41
Peaches	37	24	18	24
Wheat	94	85	73	94
Barley	97	n/a	81	94
Oats	73	n/a	76	93

CROP CONDITION PERCENT

	VP	P	F	G	EX
Apples	2	4	28	63	3
Corn	3	11	29	45	12
Cotton	1	3	24	61	11
Hay	1	3	25	64	7
Pasture	4	12	34	45	5
Peaches	4	20	19	53	4
Peanuts	0	1	18	68	13
Sorghum	1	2	28	56	13
Soybeans	1	4	30	55	10
Sweet Potatoes	0	1	27	61	11
Tobacco: Flue-cured	1	5	20	60	14
Tobacco: Burley	1	5	26	41	27

VP = Very Poor P = Poor F = Fair G = Good EX = Excellent

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	9	29	55	7
Subsoil Moisture	6	26	61	7

VS= Very Short ST = Short A = Adequate SS = Surplus

Hurricane Arthur blew through Pender County in 24 hours. Winds 30-50 mph did some damage in tobacco and knocked some peaches on the ground. No other crops were affected by wind. 2" - 4" of much needed rain fell on the region. Some low or poorly drained areas in fields flooded but in total Arthur's worst went north. Corn, soybeans, cotton all look good at this point in the season.

Mark Seitz – Pender County Extension

A great deal of Harnett County is dry with drought conditions prevailing. Only the very Northern tip of Harnett benefited from the storm with Angier area reporting six tenths of rain. Tobacco is very stressed and drawn up, many farmers beginning to irrigate their tobacco.

Brian Parrish – Harnett County Extension

Arthur spared us for the most part. There is some corn and tobacco blown around and some produce will likely come off faster after the storm. However, most growers I have spoken with have been thankful for the rain and that the winds were not any worse than they were. Even those that were in the eye of the storm seemed relieved with outcome. Structural damage has been minimal.

Chris Jernigan – Region 3 Agronomist

Hyde County suffered significant damage from the hurricane. Significant acres of corn are either flattened or broken off by winds. We will have to wait a while before assessing yield losses.

Rob Gurganus – Hyde County Extension

Corn is twisting up as well as other crops such as tobacco showing signs of lack of moisture and rainfall. Tobacco farmers are beginning to irrigate. Vegetable gardens are being harvested now but late planted vegetable gardens need rainfall. Black shank is showing up in tobacco fields, especially in the 326 variety.

Joey Knight – Caswell County Extension

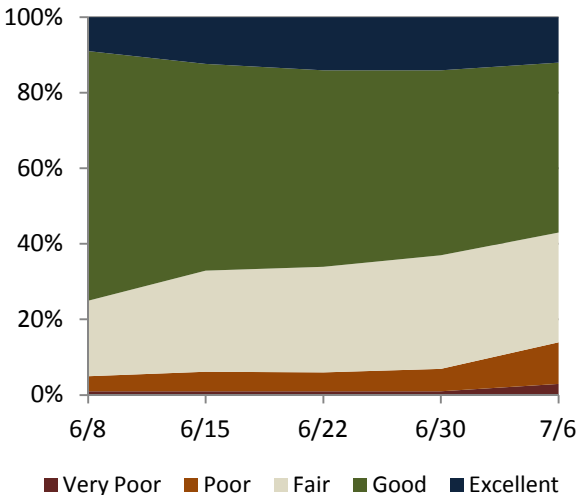
Heavy rainfall in sections of the county earlier in the week. Continuing harvest of vegetable crops and planting soybeans.

Jan McGuinn – Rutherford County Extension

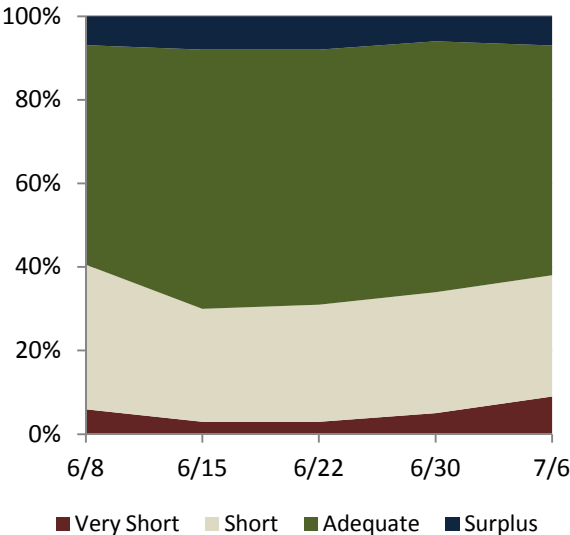
Some much needed rain fell this week. Rain is still needed as parts of the county have not received the afternoon scattered showers and are dry.

Julia Houck – Ashe-Alleghany County Extension

CORN CONDITION PERCENT



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK ENDING JULY 6, 2014										
Location	Precipitation (Inches) ¹				Temperature (Degrees F.)					
	This Week		Year To Date		This Week					Degree Days (Year to Date)
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal		
Asheboro	0.41	-0.50	26.83	2.03	94	58	77	-1	1831	
Asheville	1.33	0.42	21.93	-3.63	88	53	72	0	1492	
Burlington	0.00	-0.98	19.95	-3.84	98	57	79	1	1909	
Charlotte	0.14	-0.70	25.78	3.09	95	60	78	-3	1976	
Clayton	1.29	0.29	28.02	4.79	93	59	76	-3	1806	
Clinton	1.35	0.06	23.85	-0.65	92	60	77	-4	2024	
Dunn	0.80	-0.43	25.24	0.29	94	61	79	2	2058	
Elizabeth City	1.35	0.33	19.51	-4.76	91	58	77	-2	1893	
Fayetteville	0.08	-1.04	21.59	-1.87	96	62	80	0	2272	
Gastonia-Gaston	0.05	-0.77	26.29	3.16	92	60	77	-2	1945	
Goldsboro	1.59	0.49	25.05	0.59	94	60	78	-3	2148	
Greensboro	0.01	-0.94	20.50	-1.72	95	59	78	2	1912	
Greenville	1.77	0.65	27.32	2.79	93	59	78	-2	2058	
Hickory	0.08	-0.95	20.71	-6.09	94	58	76	-1	1822	
Jefferson	1.47	0.49	20.77	-5.64	87	44	67	-2	1026	
Kinston	4.20	2.93	25.62	0.23	94	58	77	-2	2009	
Maxton	0.00	-1.26	21.40	-3.13	95	62	79	-1	2117	
Mount Airy	0.40	-0.58	19.61	-5.55	95	50	74	0	1468	
New Bern	0.82	-0.51	22.09	-4.51	94	61	80	2	2267	
North Wilkesboro	0.13	-0.85	22.87	-4.69	92	53	74	-2	1570	
Oxford	0.25	-0.66	21.47	-1.51	95	57	77	1	1746	
Raeford	0.44	-0.82	26.86	2.33	92	60	77	-4	1902	
Raleigh-Durham	0.00	-0.93	22.58	0.25	97	61	79	2	1980	
Roanoke Rapids	0.25	-0.71	24.54	1.14	96	58	78	1	1848	
Robbinsville	1.68	0.52	28.67	-8.64	88	53	71	-3	1428	
Roxboro	0.09	-0.94	27.65	4.00	95	54	75	-1	1627	
Statesville	1.07	0.09	19.64	-5.09	93	55	75	-3	1574	
Vale	0.00	-0.91	23.21	-2.43	93	55	75	-3	1629	
Washington	1.48	0.36	30.67	5.97	93	60	78	0	2050	
Waynesville	0.28	-0.56	23.65	-3.77	87	55	71	3	1262	
Whiteville	1.01	-0.19	23.52	-1.95	90	64	78	-2	2072	
Williamston	2.50	1.38	30.30	5.60	93	59	77	-2	1959	
Willimington	3.76	2.19	25.54	-0.92	92	65	79	-3	2316	
Wilson	1.22	0.13	28.23	4.68	95	60	79	1	2109	
Winston-Salem	0.04	-0.91	21.42	-0.80	93	58	78	1	1867	

¹Precipitation data considered preliminary

